



Department of
Toxic Substances
Control

*Our mission is
to protect
California's people
and environment
from harmful effects
of toxic substances
by restoring
contaminated
properties,
identifying and
promoting safer
ingredients in
consumer products,
and ensuring
stewardship through
enforcement,
regulation and
pollution
prevention.*



State of California



California
Environmental
Protection Agency

Fact Sheet, August 2011

Draft Post-Closure Permit and Draft Closure Plan Available for Public Review and Comment for ConocoPhillips Company, San Francisco Refinery, Rodeo, California

The Department of Toxic Substances Control (DTSC) invites you to comment on the draft Post-Closure Permit (Permit) and draft Closure Plan for the Primary Basin at the ConocoPhillips Company, San Francisco Refinery, Rodeo, located at 1380 San Pablo Avenue, in Rodeo, California. Approval of the draft closure plan and the 10-year post-closure permit would allow the facility to close the Primary Basin, retrofit it with a synthetic liner system and continue environmental monitoring and maintenance.

DTSC also proposes to issue a Notice of Exemption under the California Environmental Quality Act.

Public Comment Period and Meeting

The public comment period for the draft Closure Plan and draft Post Closure Permit begins on August 25, 2011 and ends on October 14, 2011. Copies of the Post Closure Permit Application and draft Closure Plan, draft Permit and supporting documents can be viewed at the information repositories listed on page 4 of this fact sheet. Written and e-mailed comments must be postmarked by October 14, 2011, and sent to:

Mike Eshaghian, Project Manager
9211 Oakdale Avenue
Chatsworth, California 91311
(818) 717-6679

Please email comments to: MEshaghi@dtsc.ca.gov

DTSC will hold a Public Meeting on October 6, 2011, at 6:00 PM at the:

Rodeo Senior Citizen Center
189 Parker Avenue
Rodeo, California 94572

The draft Closure Plan and the draft Post Closure Permit will be discussed. DTSC will address your questions, and accept your written comments. To view electronic versions of the draft Post Closure Permit and other related documents, please visit DTSC's EnviroStor website:
<http://www.envirostor.dtsc.ca.gov/public>.

For information on Public Participation, please contact Mr. Jesus Cruz toll-free at 1-866- 495-5651 or 916-255-3315, or by email to JCruz@dtsc.ca.gov

For questions from the media, please contact Jeanne Garcia at DTSC Public Information Officer at (818) 717- 6573 or email JGarcia1@dtsc.ca.gov



Facility Description

Petroleum refining operations began at this site in 1896. Currently, the refinery processes approximately 100,000 barrels per day of crude oil into a variety of products including butane, several grades of gasoline, diesel fuel, jet fuel, fuel oil, petroleum coke, and sulfur. Lubricating oil and wax manufacturing has occurred at this Facility in the past, although these operations were shut down in 1997. The Facility receives crude oil and other feed stocks by vessels and pipelines, and delivers refined products to customers via tanker barge, rail cars, trucks, and pipelines. EPA classifies the Facility in its current configuration as a Subcategory B (Cracking) refinery, according to the definition provided in 40 CFR §419.40. Wastewater from the refining processes, and most of the storm water that is generated during rainfall events, is contained by the refinery sewer system and routed to the Unit 100, Waste Water Treatment Plant (WWTP).

The Primary Basin is a below-grade, open-air surface impoundment with a concrete pad bottom and gunite sides, which is used for temporary storage of a combination of process and storm water during operating emergencies. The Primary Basin is located in the subarea of the Facility known as Unit 100 WWTP. The Primary Basin has operated since 1996 under an existing Hazardous Waste Facility Permit with an effective date of October 17, 1996 for temporary storage of hazardous wastewater. Since 1996, the Primary Basin has been intermittently used for storage of wastewater during emergency circumstances including storm events that exceed the storage capacity of the three process wastewater/storm water equalization and storage tanks or during electrical or equipment failures that incapacitate the pumping/storage system.

Stored water typically contains some free oil and detectable amounts of some dissolved organic constituents, including benzene.

The Facility has elected to conduct RCRA closure for the Primary Basin by retrofitting it with a synthetic liner system comprised of an XR-5 Geomembrane top liner and underlying leachate collection/leak detection geogrid drainage net above the existing concrete that forms the impoundment.

The synthetic liner collection and evacuation system will isolate liquids that accumulate on top of the liner during rainfall or storms, or as a result of emergency discharges. A sub-liner collection "leachate collection and removal system" will remove any water that collects beneath the liner.

After its closure, the Primary Basin will continue to operate as an emergency discharge impoundment for wastewater and storm water during its 30-year RCRA post-closure period.

Wastewater enters the Primary Basin when there are operating emergencies within the process and storm water treatment system. Specific emergencies that have historically been identified and that are listed in the current Permit include:

- A major power failure at Facility;
- Equipment or system failure in portions of the WWTP;
- High storm water flow exceeding the pumping capacity of the WWTP sumps; and
- Long duration storm events that cause the cumulative storage capacity of the equalization aboveground tanks to be depleted.

Why a Permit is Necessary

DTSC regulates the generation, storage, treatment and disposal of hazardous waste in California. A permit enables DTSC to effectively regulate the hazardous waste management activities at facilities. Permits are developed after DTSC's detailed technical review, and are intended to ensure that the facility operates in a manner that protects human health and the environment.

DTSC is authorized to impose special conditions in this Permit pursuant to Health and Safety Code section 25200(a) and the regulations in California Code of Regulations, title 22, division 4.5 governing tanks, containers, and other facility and operation standards.

The California Regional Water Quality Control Board San Francisco Region is overseeing the corrective action at the facility under a Site Cleanup Requirements Order.

Closure and Post-Closure Permit Activities

Issuance of the closure plan approval and the 10-year post-closure permit will allow the facility to:

- Retrofit the Primary Basin with a synthetic liner system comprised of an XR-5 Geomembrane top liner and underlying leachate collection/leak detection geogrid drainage net above the existing concrete that forms the impoundment.
- Conduct inspections and maintain the liner cover and the wells
- Monitor the groundwater to ensure that the closed ponds are not contributing hazardous constituents to the groundwater

California Environmental Quality Act

Under the California Environmental Quality Act, DTSC must evaluate whether the proposed actions may have any significant impacts on human health and the environment. As part of this evaluation, DTSC has prepared a draft Notice of Exemption which concludes that issuance of the post-closure permit and the closure plan approval will not result in any impact to human health or the environment.

Enforcement History

- DTSC inspects ConocoPhillips San Francisco Refinery on a regular basis to ensure they are in compliance with California laws, regulations, and the Permit conditions. The results of those inspections over 11 years found a few minor violations.

All violations cited were considered minor and were quickly corrected and settled with DTSC.

Inspection reports are available for review at DTSC's regional office located at 1515 Toll House Road, Clovis, California 93612.

You can Participate in our Permitting Decisions

The draft Post-Closure Permit, draft Closure Plan, Post Closure Permit Application and other site-related documents are available for public review at the information repositories listed below. The entire administrative record is available in the DTSC office in Chatsworth.

Rodeo Public Library

220 Pacific Avenue

Rodeo, California 94572

(510) 799-2606

Contra Costa County Library

1750 Oak Park Boulevard

Pleasant Hill, California 94523

1-800-984-INFO

Department of Toxic Substances Control**Chatsworth Regional Office**

9211 Oakdale Avenue

Chatsworth, California 91311

Please call (818) 717-6521 for an appointment

Enforcement documents available at:**Department of Toxic Substances Control**

1515 Toll House Road, Clovis, California 93612

(559) 297-3901 (call for appointment)

To view electronic versions of the Draft Post Closure Permit and other related documents, please visit our DTSC's EnviroStor website:
<http://www.envirostor.dtsc.ca.gov/public/>.
Enter "**Rodeo**" as the City and select ConocoPhillips

DTSC contacts for more information:

For questions regarding the draft Post Closure Permit or Draft Closure Plan, please contact Mr. Mike Eshaghian, DTSC Project Manager, at (818) 717-6679 or email MEshaghi@dtsc.ca.gov.

For questions regarding Public Participation, please contact Mr. Jesus Cruz, DTSC Public Participation Specialist, toll-free 866-495-5651 or (916) 255-3315 or email JCruz@dtsc.ca.gov.

For questions from the media, please contact Jeanne Garcia at (818) 717-6573 or email JGarcia1@dtsc.ca.gov

Notice to the Hearing Impaired

TDD users can obtain information about the ConocoPhillips Company, San Francisco Refinery in Rodeo by using the California State Relay Service at 888-877-5378. Please ask to speak to Jesus Cruz at (916) 255-3315.